



Carburettor Regulator # 13216 & 13251 Installation Instructions

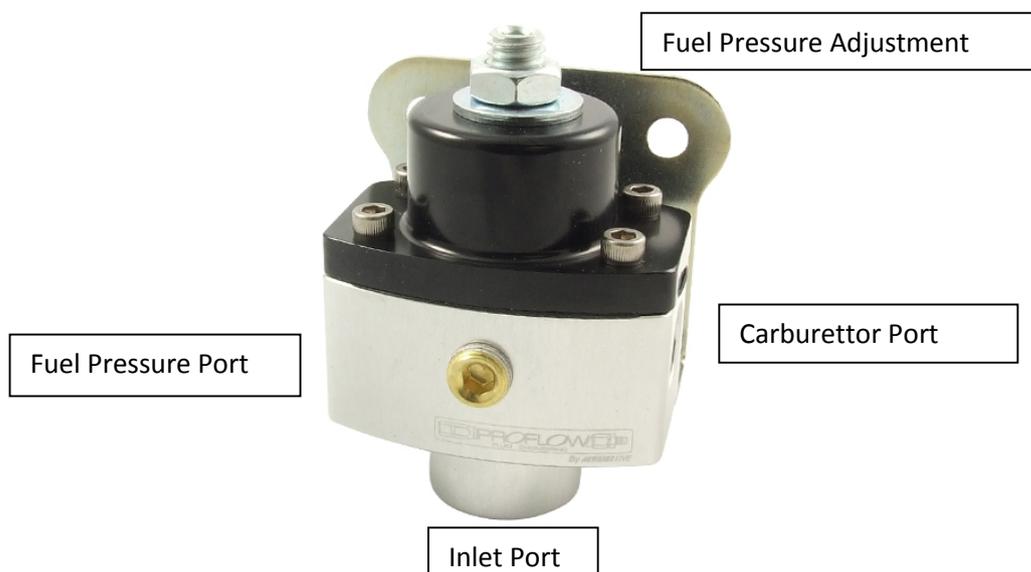
WARNING : The fuel system is under pressure. Do not open the fuel system until the pressure has been relieved. Refer to the appropriate vehicle service manual for the procedure and precautions for relieving the fuel system pressure. Installation of this product requires detailed knowledge of automotive systems and repair procedures. We recommend that this installation be carried out by a qualified automotive technician. Installation of this product requires handling of fuel. Ensure you are working in a well ventilated area with an approved fire extinguisher nearby. When installing this product, wear eye protection and have other safety equipment as needed to protect yourself.

PLEASE MAKE SURE ALL THE INSTRUCTION ARE READ PRIOR TO INSTALLATION

Part # 13216 & 13251 regulators utilizes two o-ring sealed AN-06 style outlet ports and one o-ring sealed AN-6 style inlet port; these regulator ports are NOT PIPE THREAD and utilize NO THREAD SEALANT. To use the enclosed regulator in your vehicle's fuel system, you must install the necessary adapter fittings and o-rings, fuel lines to adapt your system to the configuration and ports of this regulator. Each regulator has one 1/8" NPT gauge port. This port requires thread sealant to seal. The following instructions assume that your fuel system has already been configured for use with this regulator.

The following steps are typical of most installations:

- 1). Once the engine has been allowed to cool, disconnect the negative battery cable and relieve the fuel system pressure.
- 2). Remove the old fuel pressure regulator.
- 3). Place container around the regulator to catch any fuel that is spilled during the removal of the old regulator.
- 4). Mount the regulator in a suitable place in the vehicle's engine compartment using the supplied mounting bracket.
- 5). With the bracket attached to the regulator, mount the bracket and regulator to the vehicle using two screws, nuts and lock washers.
- 6). Attach the fuel line to the regulator bottom port using AN-06 fittings and o-rings.
- 7). Attach the carburettor supply line to the regulator side ports using an AN-6 style fitting and o-ring.



Instructions Continued

8). Make sure to tighten all connections.

9). Once the regulator is installed, attach a suitable fuel pressure gauge to the 1/8 NPT port on the fuel pressure regulator (0-15psi 1.5" fuel pressure gauge, part # PFEFG015). Use thread sealant when installing fuel pressure gauge.

10). Ensure that the area around the engine bay is free from any spilled fuel. This includes under the vehicle.

11). Reconnect the battery and turn the ignition to the ON position **WITHOUT** starting the car. After several seconds, check the fuel pressure. If there is no fuel pressure, turn the ignition key to the OFF position, wait one minute, return the ignition to the ON position, and recheck the fuel pressure. Repeat this ignition OFF and ON procedure until the fuel pressure gauge registers fuel pressure.

12). With the fuel pressure gauge registering fuel system pressure, check for fuel leaks from and around the regulator and all fuel lines and connections near the regulator! If any fuel leaks are found, turn the ignition key to the OFF position, remove any spilled fuel and repair the leak before proceeding!

13). Once the fuel pressure gauge registers fuel system pressure and there are no fuel leaks, start the engine and adjust the regulator to the desired fuel pressure. Turning the adjustment screw clockwise will increase fuel pressure. Regulators are typically set at approximately 7 psi. The fuel pressure adjustment range for the enclosed regulator is 5-12 psi.

14). Once the desired fuel pressure is achieved, tighten the regulator adjustment jam nut.

15). If you do not want to keep the fuel pressure gauge on the vehicle, relieve the fuel system pressure as instructed in the appropriate vehicle service manual. Remove the fuel pressure gauge and reinstall the 1/8 NPT pipe plug into the regulator gauge port, using thread sealant.

16). Test drive the car to insure proper operation and re-check the fuel system for leaks.

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